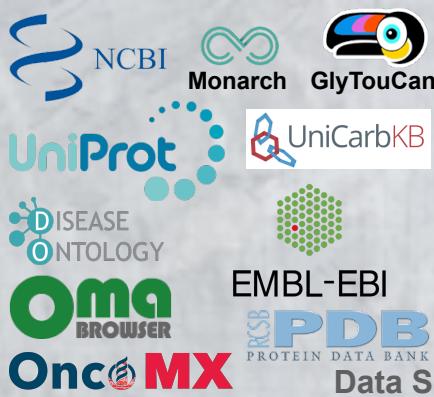


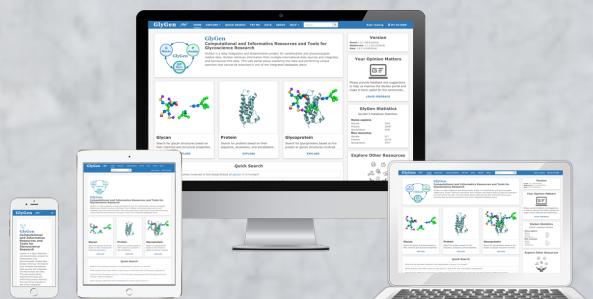
**GlyGen** is a data integration and dissemination project for carbohydrate and glycoconjugate related data. GlyGen retrieves information from multiple international data sources and integrates and harmonizes this data. The GlyGen web portal facilitates exploration of this data, in part by enabling multidisciplinary searches that cannot be executed using any of the integrated databases in isolation.

# GlyGen



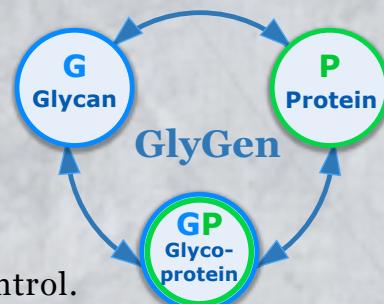
## EXPLORE SEARCHES

GlyGen enables queries focused on Glycans, Proteins, and Glycoproteins, using simple or advanced search options.



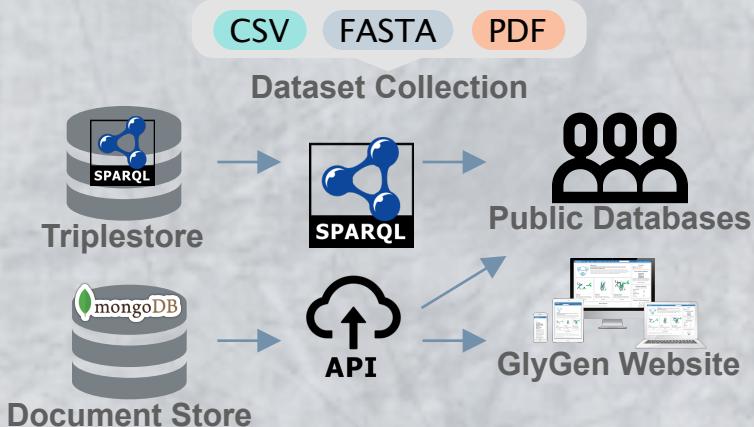
## QUICK SEARCH

GlyGen's "Quick Search" option provides complex, multi-domain queries that are based on user requests.



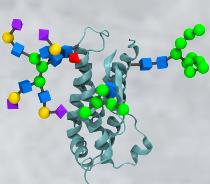
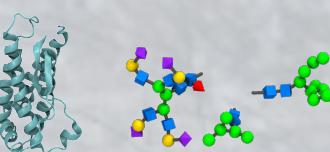
## DATA COLLECTION

Data is integrated with intensive data quality control. Metadata is captured using the BioCompute Object schema.



## DATA INTEGRATION

Data from the different resources can be accessed and downloaded in resource-specific formats (e.g. RDF)



## RESOURCES

A library of glycobiology resources including databases, tools, learning material and tutorials is provided.



## SPARQL ENDPOINT

All datasets are "RDFized" using standard ontologies (e.g. UniProt RDF schema, GlycoCoO, FALDO) and made accessible via a SPARQL Endpoint.

## CONTACT US

Let us know if you have questions or want a demo or want to submit data.

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**GlyGen.org**

<https://www.glygen.org>